

REMARKS

Responsive to the Office Action mailed May 25, 2004, claims 2, 4, 5, 8, 9, 10, 11, 12, 13 and 15 have been amended without adding new matter. Claims 1, 6, 7, 14 and 16 have been canceled without prejudice. Eleven (11) claims remain pending in the application: Claims 2-5, 8-13 and 15. Reconsideration of claims 2-5, 8-13 and 15 in view of the amendments above and remarks below is respectfully requested.

Applicant acknowledges with appreciation the Examiner's indication that claims 8 and 15 would be allowable if rewritten in independent form.

By way of this amendment, Applicant has made a diligent effort to place the claims in condition for allowance. However, should there remain any outstanding issues that require adverse action, it is respectfully requested that the Examiner telephone the undersigned at (858) 552-1311 so that such issues may be resolved as expeditiously as possible.

Drawings

1. The drawings are objected to under MPEP § 608.02(g). As suggested, FIGS. 1A, 1B and 1C have been amended to include a legend designating each figure as "Prior Art". The attached drawing sheet replaces the original drawing sheet including these figures. Thus, the objection should be overcome.

Claim Rejections - 35 U.S.C. §102

2. Claims 1, 4-7, 12-14 and 16 stand rejected under 35 U.S.C. § 102(e), as being anticipated by U.S. Patent No. 6,665,749 (Ansari).

Claims 1, 6, 7, 14 and 16 have been canceled.

Claims 4, 5 have been amended to depend on claim 8, which has been amended into independent form and is allowable. Thus, the rejection of claims 4 and 5 is overcome at least due to their dependency on allowable claim 8.

Claim 12 has been amended to include similar limitations to those present in allowable claim 8. That is, claim 12 has been amended to that "the address generator generates

the sequences of the addresses according to received burst parameters, the index indicating the separation between two addresses in the sequence, where the burst parameters include the starting address, an index parameter, and a burst length; where the index parameter is a code to select one of two or more indexes provided by the address generator”. Accordingly, for the same reasons that claim 8 is allowable, claim 12 is also allowable and the rejection is overcome.

Claim 13 has been amended to include similar limitations to those present in allowable claim 8. That is, claim 13 has been amended to that “the burst parameters include a starting address, an index parameter, and a burst length, and where the index parameter is a code to select one of two or more indexes provided by the multi-sequence address generator”. Accordingly, for the same reasons that claim 8 is allowable, claim 13 is also allowable and the rejection is overcome.

Support for the amendments to claims 12 and 13 are clearly found in the application as originally filed, e.g., support can be found at least in claim 8 and at page 6, line 5-26 of the specification.

Claim Rejections - 35 U.S.C. §103

3. Claims 2 and 3 stand rejected under 35 U.S.C. § 103(a), as being unpatentable over U.S. Patent No. 6,665,749 (Ansari) and further in view of U.S. Patent No. 6,023,745 (Lu).

Claim 2 has been amended to depend on claim 8, which has been amended into independent form and is allowable. Thus, the rejection of claim 2 is overcome at least due to its dependency on allowable claim 8.

Claim 3 depends on claim 2, which has been amended to depend on allowable claim 8; thus, the rejection of claim 3 is overcome

4. Claims 9-11 stand rejected under 35 U.S.C. 103(a), as being unpatentable over U.S. patent No. 6,665,749 (Ansari), and further in view of U.S. Patent 6,519,673 (Chudnovsky et al.).

Claims 9-11 have been amended to depend on claim 8, which has been amended into independent form and is allowable. Thus, the rejection of claims 9-11 is overcome at least due to their dependency on allowable claim 8.

Allowable Subject Matter

5. Claims 8 and 15 stand objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form.

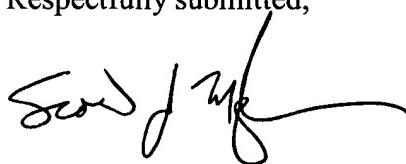
Each of claims 8 and 15 has been amended in independent form; thus, the objection should be overcome.

CONCLUSION

Applicants submit that the above amendments and remarks place the pending claims in a condition for allowance. Therefore, a Notice of Allowance is respectfully requested.

Respectfully submitted,

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Attachment:

1 Replacement Sheet (including FIGS. 1A, 1B and 1C)

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